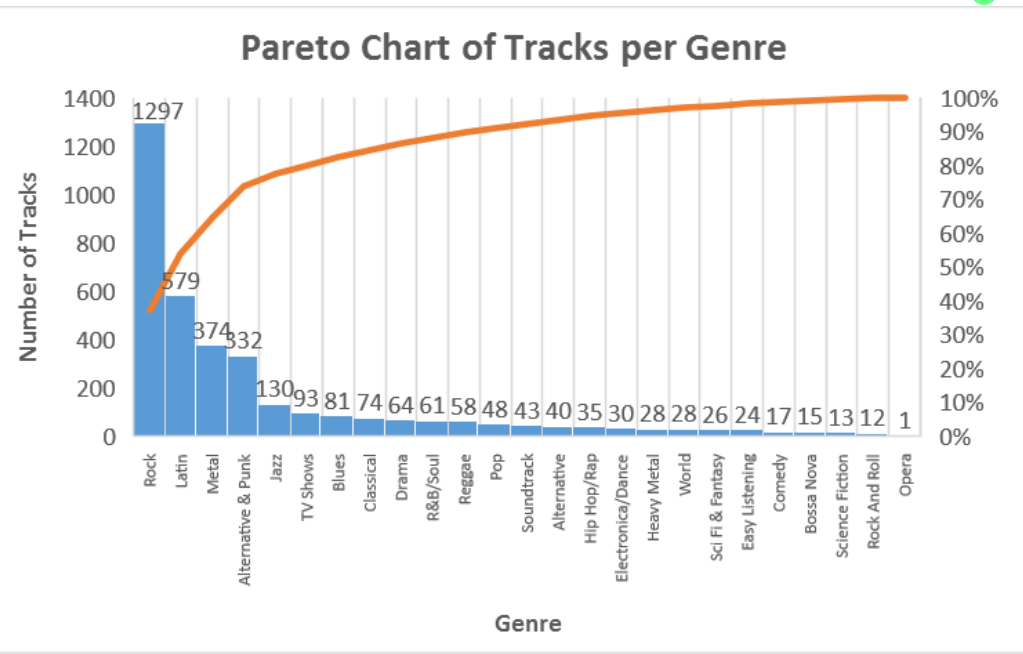


Which genres have the most number of tracks?

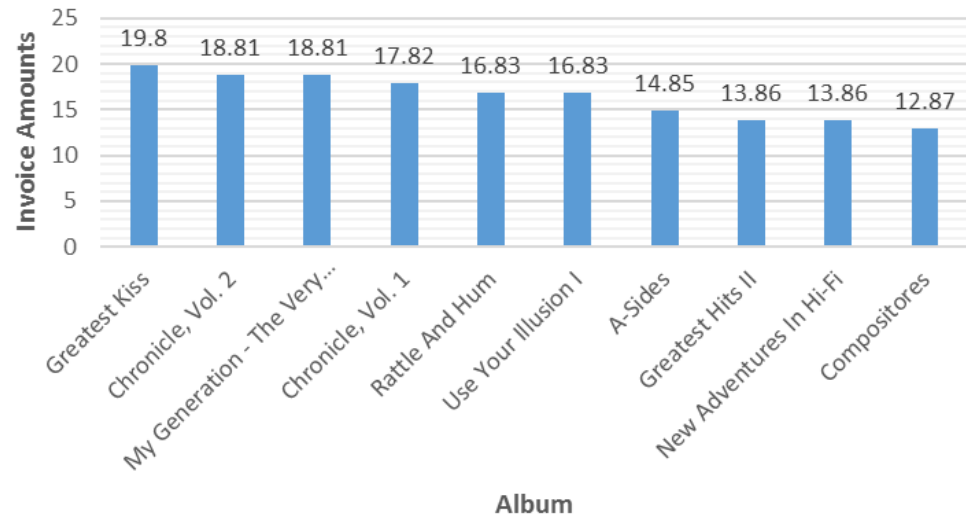
: Awesome: Great job using a pareto chart here. It works just fine

First, I wanted to check which genres have the most number of tracks. I used a Pareto Chart to determine the number of tracks each genre contains in the database. The chart shows that Rock has the most number of tracks and it constitutes about 40% of all tracks among the 25 genres. It is followed by Latin, Metal, Alternative & Punk and Jazz. Together, the five top genres comprise about 80% of tracks in the database.



Which rock albums have earned the most?

Top 10 Rock Albums Based on Invoice Amounts

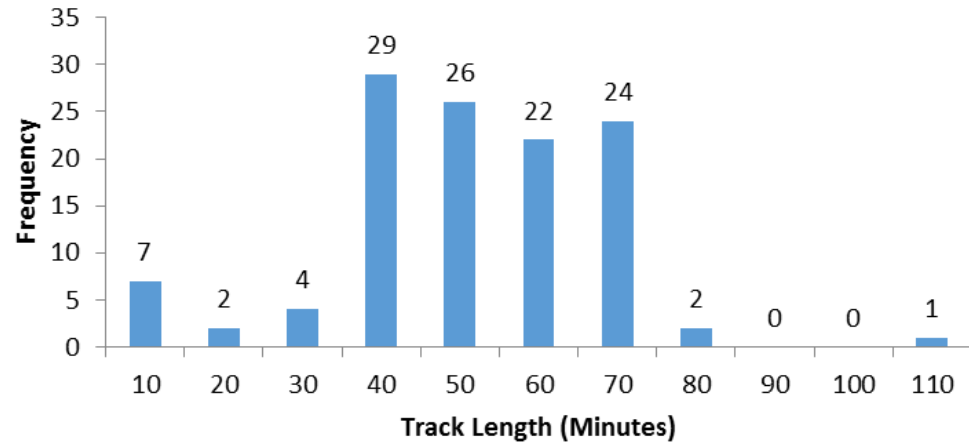


Since I know that Rock is the most popular genre, I wanted to find out which rock albums in the database have earned the most. The earnings are based on invoice amounts and the clustered column chart shows the top 10 rock albums. It shows that the Greatest Kiss album by Kiss has the most number of invoice amounts. The second and third albums are not far behind. It can be inferred that no rock album has truly earned significantly more than its peers.

: Good job exploring deeper based on previous findings.

What is the distribution of track lengths for rock albums?

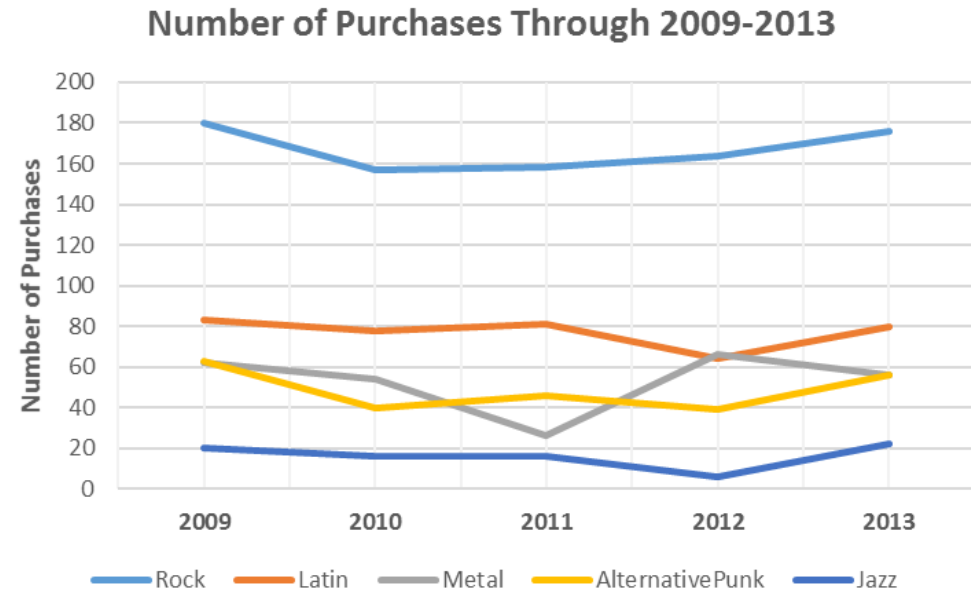
Histogram of Rock Albums Track Length



Next, I wanted to see the distribution of the track lengths (in minutes) of the rock albums. The histogram shows a nearly normal distribution with one outlier at the right. Most track albums are between 40-70 minutes long. The mean and median are around 46 and 48 minutes respectively. Because of this, rock albums can be classified as short if they are less than 40 minutes while they can be classified as long if they are greater than 70 minutes.

: Awesome: When I saw your plot, I was going to mention something about the normal distribution right away. You beat me to it. You show great aptitude for data analysis!

How did the popularity of rock songs and the next four genres change from 2009-2013?



Finally, I wanted to check the popularity of rock songs and the next four genres from 2009-2013 through their number of purchases. Rock tracks remain popular through the years with a slight dip in the 2nd year. Latin, Metal and Alternative & Punk have swapped positions in some years while Jazz has remained in the bottom. Latin and A&P remain fairly consistent while Metal has suffered the most drastic changes.

: Awesome: Only good things can be said about your submission. Please keep this level of professionalism in the future!